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☐ 1: [CB243994](#). Reports UI-CF-FN0-agg-n-0...[gi:28365638]

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IDENTIFIERS

dbEST Id: 16943504
EST name: UI-CF-FN0-agg-n-06-0-UI.s1
GenBank Acc: CB243994
GenBank gi: 28365638

CLONE INFO

Clone Id: UI-CF-FN0-agg-n-06-0-UI (3')
Source: University of Iowa and Cystic Fibrosis Foundation - Cystic Fibrosis Project
Id as DNA: UI-CF-FN0-agg-n-06-0-UI.s1
Id in host: UI-CF-FN0-agg-n-06-0-UI
DNA type: cDNA

PRIMERS

Sequencing: M13 FORWARD
PolyA Tail: yes

SEQUENCE

TTTTTTTTTTTTTTTTTTCCATAGTGTCCTTATTATCACATTTCAGCTTATAAAAAATAATG
 CCAAGTGCAGTGAAAGGTTACAGGATGTTCCATCCACTGGGTGATGTTGGATGGGAGAGT
 TTCTTCCAGTACCGGTCATGTGACAATTGTGGCACTTTCTACTGACTGGAGTCCAGTTG
 GGCTTTTTTCCAGAAAAAGGTAAACCAGGGAAGGTCCTCACTTCCTGAAGAGAATCACACT
 TAGGACATGGCAGAGTCTGCATTACCTTCTAGATACATGAACCTTCCAGAGCTCAACAAG
 TGGTCTCAATCTTCTGCTTGGCAAGTCTCTCTCCAGCGTCTCCAAGGCATCCAGCAGG
 GTGTGGACAGAGGCATCTCGCCCGGTTTTGTTGACCCACTTTATCAGCATCGTGTACAAG
 GTGTCCCTGTGGCCCGCTGCCTCAGCTTTAGCCACCTTTATCTCATTGTCCATGAGGCCC
 AACTTCCTCAGAGCGGCTCCAGGAGTCAAAGGGCACCAAGTCTGCAAAGTCATCGAAG
 CACTGTCTCAGAGTCTCAGTGGGATCACCTTCATTTGCTGGAACCAGCAGCCTCCTCCTC
 TGAGACCTTTTCAGCTTCTGCCGGTTCCAGCAGATGCTCTGACTCCCCGGGGGACAACATG
 TTGACACCTGTTGGCTCTGCTGGCTCCTGGACTTCCATTTCTGCTCAGGGACCTGNGTG
 GGCTGCAAGAACTCACGATCTCATTGANGACATTGTCCTCAGCCCCANGTCGTTGTGAGC
 TTCTGTCCA

Entry Created: Feb 12 2003
Last Updated: Feb 12 2003



COMMENTS

Tissue Procurement: Dr. M. J. Welsh, University of Iowa
 cDNA Library preparation: Dr. M. Bento Soares, University of Iowa
 cDNA Library Arrayed by: Dr. M. Bento Soares, University of Iowa
 DNA Sequencing by: Dr. M. Bento Soares, University of Iowa
 Clone Distribution: Researchers may obtain clones from Research Genetics (www.resgen.com) or from Open Biosystems (www.openbiosystems.com).

LIBRARY

Lib Name: UI-CF-FN0
Organism: Homo sapiens
Tag Seq: CTGCTCAGGT

Tag Tissue: Human Lung Epithelial Cell Lines untreated LPS 6hr to LPS
24h
Tag Lib: UI-CF-FN0
Organ: Lung
Tissue type: Human Lung Epithelial cells
Lab host: DH10B (Life Technologies) (T1 phage resistant)
Vector: pT7T3-Pac (Pharmacia) with a modified polylinker
R. Site 1: EcoR I
R. Site 2: Not I
Description: UI-CF-FN0 is a subtracted cDNA library derived from two
normalized Human lung epithelial cell libraries (EN1 and DU1
) The library was subtracted according to according to
Bonaldo, Lennon and Soares, Genome Research, 6:791-806,
1996. For additional information, contact:
bento-soares@uiowa.edu

SUBMITTER

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CITATIONS

PubMed ID: [8889548](https://pubmed.ncbi.nlm.nih.gov/8889548/)
Title: Normalization and subtraction: two approaches to facilitate
gene discovery
Authors: Bonaldo,M.F., Lennon,G., Soares,M.B.
Citation: Genome Res. 6 (9): 791-806 1996

MAP DATA

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Sep 13 2006 18:19:13

RESULT 35
 CB243994/c
 LOCUS CB243994 789 bp mRNA linear EST 12-FEB-2003
 DEFINITION UI-CF-FN0-agg-n-06-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone
 UI-CF-FN0-agg-n-06-0-UI 3', mRNA sequence.
 ACCESSION CB243994
 VERSION CB243994.1 GI:28365638
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
 Hominidae; Homo.
 REFERENCE 1 (bases 1 to 789)
 AUTHORS Bonaldo,M.F., Lennon,G. and Soares,M.B.
 TITLE Normalization and subtraction: two approaches to facilitate gene
 discovery
 JOURNAL Genome Res. 6 (9), 791-806 (1996)
 PUBMED 8889548
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 Tissue Procurement: Dr. M. J. Welsh, University of Iowa
 cDNA Library preparation: Dr. M. Bento Soares, University of Iowa
 cDNA Library Arrayed by: Dr. M. Bento Soares, University of Iowa
 DNA Sequencing by: Dr. M. Bento Soares, University of Iowa
 Clone Distribution: Researchers may obtain clones from Research
 Genetics (www.resgen.com) or from Open Biosystems
 (www.openbiosystems.com).
 Seq primer: M13 FORWARD
 POLYA=Yes.
 FEATURES
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 /tissue_type="Human Lung Epithelial cells"
 /lab_host="DH10B (Life Technologies) (T1 phage resistant)"
 /clone_lib="UI-CF-FN0"
 /note="Organ: Lung; Vector: pT7T3-Pac (Pharmacia) with a
 modified polylinker; Site_1: EcoR I; Site_2: Not I;
 UI-CF-FN0 is a subtracted cDNA library derived from two
 normalized Human lung epithelial cell libraries (EN1 and
 DU1) The library was subtracted according to according to
 Bonaldo, Lennon and Soares, Genome Research, 6:791-806,
 1996. For additional information, contact:
 bento-soares@uiowa.edu
 TAG_TISSUE=Human Lung Epithelial Cell Lines untreated LPS
 6hr to LPS 24h
 TAG_LIB=UI-CF-FN0
 TAG_SEQ=CTGCTCAGGT"
 ORIGIN
 Query Match 38.4%; Score 474; DB 4; Length 789;
 Best Local Similarity 100.0%; Pred. No. 1.6e-237;
 Matches 474; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 760 CAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATG 819
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 716 CAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATG 657
 Qy 820 TTGTCCCCCGGGGAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGG 879

Db	656	 TTGTCCCCGGGGAGTCAGAGCATCTGCTGGAACCGGCAGAAAGCTGAAAGGTCTCAGAGG	597
Qy	880	AGGAGGCTGCTGGTTCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTC	939
Db	596	 AGGAGGCTGCTGGTTCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTC	537
Qy	940	GATGACTTTGCAGACTTGGTGCCCTTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGGC	999
Db	536	 GATGACTTTGCAGACTTGGTGCCCTTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGGC	477
Qy	1000	CTCATGGACAATGAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTG	1059
Db	476	 CTCATGGACAATGAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTG	417
Qy	1060	TACACGATGCTGATAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCTG	1119
Db	416	 TACACGATGCTGATAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCTG	357
Qy	1120	CTGGATGCCTTGGAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTG	1179
Db	356	 CTGGATGCCTTGGAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTG	297
Qy	1180	TTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCC	1233
Db	296	 TTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCC	243